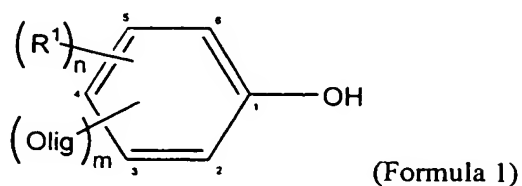
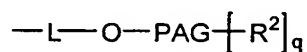


Abstract

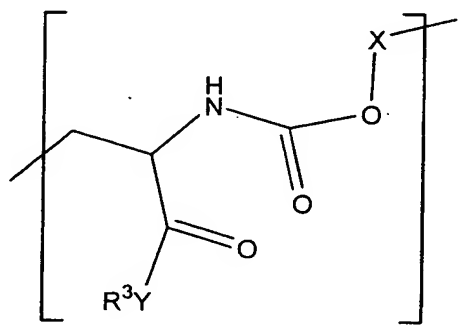
The present invention provides a compound having a formula:



where R¹ is selected from the group consisting of alkyl, -CH₂(OC₂H₄)OCH₃, and - (OC₂H₄)OCH₃; n is 0-4; Olig is an oligomer having a formula:



where L is a optional linker moiety selected from the group consisting of -CH₂O-, -CH₂OX-, -OX-, -C(O)-, -C(O)X, -NH-, -NHC(O)-, -XNHC(O)-, -NHC(O)X-, -C(O)NH-, -C(O)NHX-, and



where X is alkyl₁₋₆ or is not present, Y is N or O or is not present, and R³ is alkyl₁₋₆; PAG is a linear or branched polyalkylene glycol moiety; R² is an alkyl₁₋₂₂ capping moiety if X is present or alkyl₂₋₂₂ if X is not present; and q is a number from 1 to the maximum number of branches on PAG; and m is 1-5.